

FAG

★ 7312-B-XL-TVP

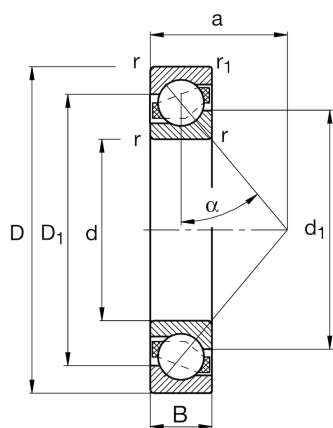
Angular contact ball bearing

Schaeffler ID:
0167261970000Angular contact ball bearing 73..-B-XL-
TVP, single row, X-life, plastic cage

★ Preferred product

X-life

Technical information



Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	120 °C	Operating temperature max.
	1,71 kg	Weight

Main Dimensions & Performance Data

d	60 mm	Bore diameter
D	130 mm	Outside diameter
B	31 mm	Width
C_r	96.000 N	Basic dynamic load rating, radial
C_{0r}	69.000 N	Basic static load rating, radial
C_{ur}	4.750 N	Fatigue load limit, radial
n_G	7.000 1/min	Limiting speed
n_{gr}	5.300 1/min	Reference speed

Dimensions

r_{min}	2,1 mm	Minimum chamfer dimension
r_{1min}	1,1 mm	Minimum chamfer dimension
D_1	103,4 mm	Shoulder diameter on outer ring wide side face
d_1	87,3 mm	Shoulder diameter on inner ring wide side face
a	55 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle

Mounting dimensions

d_{amin}	72 mm	Minimum diameter of shaft shoulder
D_{amax}	118 mm	Maximum diameter of housing shoulder
D_{bmax}	123 mm	Maximaler Durchmesser der Gehäuseschulter
r_{amax}	2,1 mm	Maximum fillet radius of shaft
r_{a1max}	1 mm	Maximum fillet radius of housing

